LEGEND - SERVICES / ABBREVIATIONS

ELECTRICAL OUTLETS - ABBREVIATIONS	
E1	110V DUPLEX ELECTRICAL OUTLET
E2	CONTINUOUS ELECTRICAL RACEWAY (110V DUPLEX OUTLETS @ 2'-0" OC.)
E3	208V
E4	SINGLE FACED PEDESTAL (ONE 110V DUPLEX ELECTRICAL OUTLET)
E5	DOUBLE FACED PEDESTAL (ONE 110V DUPLEX ELECTRICAL OUTLET EACH SIDE)
E6	DOUBLE FACED QUAD PEDESTAL (TWO 110V DUPLEX ELECTRICAL OUTLETS EACH SIDE)
E7	CEILING SUSPENDED REEL (ONE 110V DUPLEX ELECTRICAL OUTLET)
E8	FLOOR OUTLETS (FOUR 110V DUPLEX ELECTRICAL OUTLETS & FOUR DATA OUTLETS)
E9	WORK SURFACE POWER STRIP WITH FOUR TYPE E1 & TWO DATA OUTLETS
E10	SINGLE FACED QUAD PEDESTAL (TWO 110V DUPLEX ELECTRICAL OUTLETS)
/EP	EMERGENCY POWER
TL	TASK LIGHTS @ UNDERSIDE OF WALL MOUNTED CABINETS
/W	WATERPROOF OUTLET

LABORATORY SERVICES	
A	COMPRESSED AIR
ADW	ANIMAL DRINKING WATER
C & HW	COLD & HOT WATER FAUCET
CO	CARBON DIOXIDE
CW	COLD WATER FAUCET
D	SINGLE DATA OUTLET
D2	DOUBLE DATA OUTLET (OR SINGLE DATA OUTLET ON EACH SIDE OF A PEDESTAL)
D4	QUAD DATA OUTLET (OR DOUBLE DATA OUTLET ON EACH SIDE OF A PEDESTAL)
ES/EW	EMERGENCY SHOWER / EMERGENCY EYE WASH
EW	EMERGENCY EYE WASH
FD	FLOOR DRAIN
FS	FLOOR SINK
G	GAS
HB	HOSE BIB
HE	HELIUM
HW	HOT WATER FAUCET
LN	LIQUID NITROGEN
N	NITROGEN
OX	OXYGEN
PW	PROCESS COOLING WATER
RO	PURE WATER FIXTURE
STM	STEAM
T	TELEPHONE
V	VACUUM

EQUIPMENT	
BSC	BIOSAFETY CABINET
EQ	EQUIPMENT
FH	FUME HOOD
LFH	LAMINAR FLOW HOOD
VAR	VARIAC (RHEOSTAT)

MISCELLANEOUS	
ADA	AMERICAN WITH DISABILITIES ACT
ADAAG	ADA ACCESSIBILITY GUIDELINES
AFF	ABOVE FINISHED FLOOR
MTD	MOUNTED
NIC	NOT IN CONTRACT
OPP	OPPOSITE
S	SINK
SH	SHELVING
SIM	SIMILAR
SS	STAINLESS STEEL
U/C	UNDER COUNTER
VIF	VERIFY IN FIELD
W/	WITH
XXX-L	LOCKABLE CABINET
XXX-M	MOVEABLE CABINET (NOT ANCHORED TO FLOOR) WITH FINISHED TOP
XXX-W	MOVEABLE CABINET ON WHEELS WITH FINISHED TOP

GENERAL NOTES

1. ALL CASEWORK TO BE WOOD UNLESS NOTED OTHERWISE.
2. ALL COUNTERTOPS TO BE BLACK MODIFIED EPOXY RESIN, UNLESS NOTED OTHERWISE.
3. ALL SINKS TO BE MODIFIED EPOXY RESIN, UNLESS NOTED OTHERWISE. COLOR TO MATCH ADJACENT COUNTER TOP. SEE SINK SCHEDULE FOR SINK TYPES.
4. ALL SINKS SHALL BE CENTERED IN THEIR CABINETS, UNLESS OTHERWISE SHOWN ON DRAWINGS.
5. SERVICES SHOWN ON PLANS ARE FOR INFORMATION ONLY. REFER TO MECHANICAL, ELECTRICAL, TELECOM & PLUMBING DRAWINGS FOR EXACT QUANTITY & LOCATION OF SERVICE FIXTURES.
6. ALL SERVICES REQUIRED BY EQUIPMENT ARE NOT NECESSARILY INDICATED ON LAB PLANS. REFER TO MEP DRAWINGS & SPECIFICATIONS.
7. SERVICES ARE NOT INDICATED ON ELEVATIONS.
8. PROVIDE LOCKS AT ALL CABINETS INDICATED WITH AN "L" AND AT ALL ACID & FLAMMABLE STORAGE CABINETS. SEE SPECIFICATION SECTION 12340 FOR KEYING REQUIREMENTS.
9. PROVIDE END PANELS AND FILLERS AS REQUIRED.
10. ALL REAGENT SHELVES AND WALL MOUNTED SHELVES TO BE BLACK PHENOLIC RESIN, UNLESS NOTED OTHERWISE.
11. DRAWINGS ARE DIAGRAMMATIC AND ARE INTENDED TO ESTABLISH BASIC DIMENSION OF UNITS, SIGHT LINES, AND UNIT PROFILES.
12. FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION OF CASEWORK. NOTIFY ARCHITECT OF ANY DISCREPANCY.
13. COORDINATE CASEWORK AND EQUIPMENT WITH WORK OF OTHER TRADES.
14. SEE SPEC SECTION 11600 FOR EQUIPMENT SCHEDULE, SCOPE OF WORK, N.I.C., AND OWNER / CONTRACTOR FURNISHED / INSTALLED EQUIPMENT INFORMATION.
15. PROVIDE CUT-OUTS FOR ELECTRICAL OUTLETS AT ALL KNEE SPACES AND UNDER COUNTER EQUIPMENT SPACE, UNLESS NOTED OTHERWISE. ELECTRICAL OUTLETS AT THESE LOCATIONS ARE NOT SHOWN ON ELEVATIONS.
16. CONTINUOUS WIREMOLD ARE SHOWN ON ELEVATIONS FOR INFORMATION ONLY. SEE ELECTRICAL DRAWINGS.
17. ALL TABLES TO BE MOVEABLE (NOT FIXED TO THE FLOOR), UNLESS NOTED OTHERWISE.
18. FUME HOODS ARE TO BE PRE-PIPED AND PRE-WIRED FOR NOTED SERVICES. WHEN NO SERVICES ARE INDICATED, PRE-PIPE AND PRE-WIRE HOODS FOR AIR, GAS, VACUUM & CAP SERVICES FOR FUTURE CONNECTION TO BUILDING SERVICES.
19. SOME OF THE CASEWORK TYPES INDICATED ON CASEWORK TYPES DRAWING SHEET ARE NOT USED. SEE PLANS AND ELEVATIONS FOR SIZE, LOCATION, AND QUANTITY OF CASEWORK TYPES USED.
20. FINISHED FLOORING SHALL BE INSTALLED UNDER ALL CABINETS. FINISHED FLOORING INSTALLATION SHALL BE COMPLETED PRIOR TO CABINET INSTALLATION. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR BASE TO BE PROVIDED AT TOE SPACE OF ALL CASEWORK AND AT KNEE SPACES.
21. SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR CEILING MOUNTED PROJECTORS, PROJECTION SCREENS, AND MARKER BOARDS.
22. PROVIDE REMOVEABLE BACK ACCESS PANELS AT ALL CABINETS AND KNEE SPACES FOR ACCESS TO UTILITY CHASES BEHIND CABINETS.
23. PROVIDE FULL BACK AT BASE CABINETS WITH DRAWERS TO PREVENT OBJECTS FROM FALLING INTO PIPE CHASE BEHIND CABINETS.

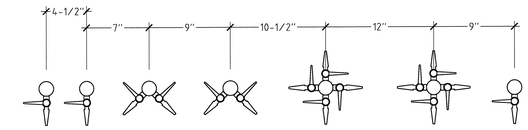
LAB SERVICE SYMBOLS

◄	TELEPHONE OR DATA OUTLET MOUNTED ON WALL (OR MOUNTED ON VERTICAL UPRIGHT)
▭	BENCH MOUNTED SINGLE OR DOUBLE FACED PEDESTAL
⊣ X	WALL OR PANEL MOUNTED SERVICE OUTLETS
⊶ X	BENCH MOUNTED SERVICE OUTLET W/ 1 SERRATED END
X X	BENCH MOUNTED SERVICE OUTLET W/ 2 SERRATED ENDS (90°)
X X X X	BENCH MOUNTED SERVICE OUTLET W/ 4 SERRATED ENDS
◎	CUP SINK -

SINK SCHEDULE

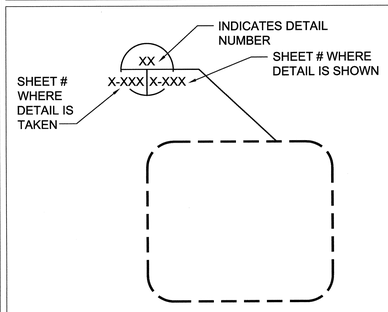
TYPE	SIZE: (L x W x D INSIDE BOWL DIMENSIONS)	REMARKS
S01	14" L x 4" W x 5" D	CUP SINK WITH S.S. WIRE SCREEN
S02	18" L x 15" W x 11" D	
S03	25" L x 15" W x 10" D	NOT USED
S04	30" L x 18" W x 18" D	
S05	25" L x 15" W x 5" D	ADA SINK
S06	18" L x 16" W x 10" D (EACH BOWL)	DOUBLE BOWL
S07		NOT USED
S08		NOT USED
S09		NOT USED
S10		NOT USED
S11	HAND SINK	NOT USED
S12	22" L x 16" W x 12" D	NOT USED
S13	22" L x 16" W x 5" D	NOT USED
S14	39" L x 18" W x 12" D	S.S. UTILITY SINK. SEE MEP DWGS & SPECS
S15	14" L x 16" W x 10" D (EACH BOWL)	NOT USED
S16	30" L x 24" W x 12" D	NOT USED
S17	9" DIAMETER	S.S. AT ADA WORKSTATION
S18		NOT USED
S19		NOT USED
S20		NOT USED

MINIMUM SPACING BETWEEN FITTINGS

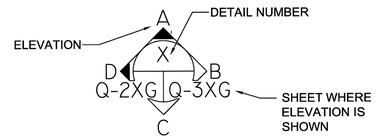


COORDINATE EXACT SPACING REQUIRED WITH FIXTURE SUPPLIER

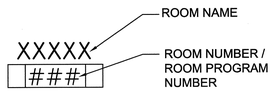
SYMBOL LEGEND: (PLAN / ELEVATION / DETAIL DRAWINGS)



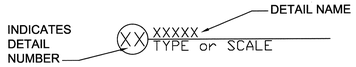
ENLARGED PLAN REFERENCE SYMBOL



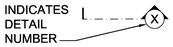
ELEVATION TAG SYMBOL



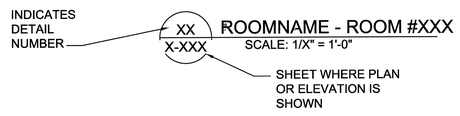
ROOM TITLE SYMBOL



DETAIL TITLE SYMBOL



SECTION SYMBOL



PLAN & ELEVATION TITLE SYMBOL

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LEGEND, ABBREVIATIONS, AND GENERAL NOTES
WARSAW CAMPUS

WORKING DRAWINGS

Date: JANUARY 13, 2010

REVISIONS	
NO.	DATE

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STEPHEN FLOYD
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